

Title (en)
SPEED REDUCER WITH TWO INTERMEDIATE LINES FOR A TURBOPROP ENGINE, TURBOPROP ENGINE COMPRISING SAID REDUCER

Title (de)
UNTERSETZUNGSGETRIEBE MIT ZWEI ZWISCHENLEITUNGEN FÜR EINEN TURBOPROMOTOR, TURBOPROMOTOR MIT BESAGTEM UNTERSETZUNGSGETRIEBE

Title (fr)
RÉDUCTEUR DE VITESSE A DEUX LIGNES INTERMÉDIAIRES POUR TURBOPROPULSEUR, TURBOPROPULSEUR COMPORTANT LEDIT RÉDUCTEUR

Publication
EP 3384180 A1 20181010 (FR)

Application
EP 16819136 A 20161130

Priority
• FR 1561733 A 20151202
• FR 2016053140 W 20161130

Abstract (en)
[origin: WO2017093657A1] The invention relates to a speed reducer comprising two intermediate lines for a turboprop engine, said reducer comprising: - an input line comprising an input shaft (ai) bearing an input gear wheel, - a first intermediate line comprising a first intermediate shaft bearing a first intermediate gear wheel, - a second intermediate line comprising a second intermediate shaft bearing a second intermediate gear wheel, - a spring (24) held by a frame (25), the spring (24) surrounding a longitudinal portion (29) of the input shaft (ai) in order to allow a movement of the input gear wheel (10) towards an equilibrium position corresponding to an equal distribution of the transmission of the power coming from the input shaft (ai) to the first intermediate shaft (a2) of the first intermediate line (17) and the second intermediate shaft (a3) of the second intermediate line (18).

IPC 8 full level
F16H 1/22 (2006.01)

CPC (source: EP RU US)
F02C 7/36 (2013.01 - EP US); **F16C 23/08** (2013.01 - US); **F16H 1/22** (2013.01 - EP RU US); **F16H 1/48** (2013.01 - RU); **F16H 57/021** (2013.01 - US); **F16H 57/022** (2013.01 - US); **F16H 57/12** (2013.01 - US); **F02K 3/04** (2013.01 - US); **F05D 2220/325** (2013.01 - EP US); **F05D 2260/4031** (2013.01 - US); **F16H 2057/0222** (2013.01 - US); **F16H 2057/126** (2013.01 - EP US); **F16H 2057/127** (2013.01 - US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)
See references of WO 2017093657A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (publication)
WO 2017093657 A1 20170608; CA 3005422 A1 20170608; CN 108368918 A 20180803; CN 108368918 B 20210528; EP 3384180 A1 20181010; EP 3384180 B1 20210421; FR 3044730 A1 20170609; FR 3044730 B1 20171222; JP 2019505737 A 20190228; JP 6799598 B2 20201216; RU 2018123172 A 20200109; RU 2018123172 A3 20200325; RU 2720030 C2 20200423; US 10731748 B2 20200804; US 2018347689 A1 20181206

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